

## EAST Search History

| Ref # | Hits | Search Query   | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---------------------------------|------------------|---------|------------------|
| L1    | 49   | ("5277241" "5885274" "5455879" "5616839" "5900901" "6154277" "6181419" "6191861" "6405132" "4804981" "4984893" "4986655" "4986656" "4995260" "5002393" "5179262" "5216680" "5230986" "5237433" "5308971" "5333089" "5338198" "5412420" "5424843" "5430662" "5475452" "5533139" "5553616" "5592246" "5619324" "5627642" "5675136" "5742632" "5747822" "5815611" "5837748" "5914508" "5982378" "6072631" "6073056" "6111642" "6154564" "6226390" "6226390" "6246468" "6246816" "6252714" "6281971" "6285497" "6287765" ).pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/02/14 14:27 |
| L2    | 35   | (US-20020011693-\$ or US-20010028993-\$ or US-20010036209-\$).did. or (US-6200646-\$ or US-5171490-\$ or US-6406658-\$ or US-6730256-\$ or US-6660209-\$ or US-6180050-\$ or US-6270335-\$ or US-6532394-\$ or US-6366825-\$ or US-6001297-\$ or US-5238639-\$ or US-6855478-\$ or US-6526327-\$ or US-5777342-\$ or US-5109290-\$ or US-5500069-\$ or US-6051179-\$ or US-5430666-\$ or US-6399010-\$ or US-6720519-\$ or US-6097361-\$ or US-6391245-\$ or US-5253177-\$ or US-5104592-\$ or US-5562929-\$ or US-6500378-\$).did. or (US-6312134-\$ or US-6132667-\$ or US-6274891-\$ or US-5980813-\$ or US-6298079-\$ or US-6073056-\$).did. | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:31 |
| L4    | 20   | I2 and independent\$3  | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:35 |
| L5    | 13   | I2 and intersect\$3  | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:37 |
| L6    | 566  | 700/118-120.ccls.  | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:37 |
| L7    | 63   | I6 and intersect\$3 and independent\$3 and laser   | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:37 |
| L8    | 35   | I7 and mirror\$3   | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:45 |
| L9    | 0    | I6 and dmd with independent\$2   | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:46 |
| L10   | 154  | dmd with independent\$2  | US-PGPUB;<br>USPAT              | OR               | ON      | 2007/02/14 14:46 |
| S1    | 1250 | resin and (3d or three-dimension\$4) and pixels and exposure   | US-PGPUB;<br>USPAT              | OR               | ON      | 2006/03/22 09:56 |
| S2    | 19   | (resin and (3d or three-dimension\$4) and pixels and exposure) and "700"/\$.ccls.  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 15:59 |
| S3    | 1    | "6717106".pn.  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 15:18 |
| S4    | 7    | (resin and (3d or three-dimension\$4) and pixels and exposure) and checkers  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 16:02 |
| S5    | 1    | "6270335".pn.  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 16:02 |
| S6    | 167  | resin and (3d or three-dimension\$4) and pixels and expos\$3 and (distortion or shrinkage) and curing  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 16:47 |
| S7    | 153  | (resin and (3d or three-dimension\$4) and pixels and expos\$3 and (distortion or shrinkage) and curing) and (laser or uv)  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/27 16:47 |
| S8    | 350  | 700/118-120.ccls.  | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/11/17 16:35 |
| S9    | 47   | 700/118-120.ccls. and pixel\$1   | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/28 10:22 |
| S10   | 40   | (700/118-120.ccls. and pixel\$1) and (laser or UV)   | US-PGPUB;<br>USPAT              | OR               | ON      | 2004/05/28 10:23 |

## EAST Search History

|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
| S11 | 39   | ((700/118-120.cds. and pixel\$1) and (laser or UV)) and (distortion or shrinkage or cur\$3)  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:23 |
| S12 | 26   | ((700/118-120.cds. and pixel\$1) and (laser or UV)) and (distortion or shrinkage)  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:29 |
| S13 | 1    | "5238639".pn.  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:32 |
| S14 | 550  | 430/269.cds.   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:32 |
| S15 | 24   | 430/269.cds. and pixel   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:34 |
| S16 | 1433 | 264/269.cds. or 382/154.cds.   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:34 |
| S17 | 643  | (264/269.cds. or 382/154.cds.) and pixel   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:34 |
| S18 | 227  | ((264/269.cds. or 382/154.cds.) and pixel) and (laser or uv)   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:34 |
| S19 | 104  | ((((264/269.cds. or 382/154.cds.) and pixel) and (laser or uv)) and (distortion or shrinkage))   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:35 |
| S20 | 3    | (((((264/269.cds. or 382/154.cds.) and pixel) and (laser or uv)) and (distortion or shrinkage))) and resin   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:36 |
| S21 | 7    | (((((264/269.cds. or 382/154.cds.) and pixel) and (laser or uv)) and (distortion or shrinkage))) and checker\$5  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:37 |
| S22 | 2    | (((((264/269.cds. or 382/154.cds.) and pixel) and (laser or uv)) and (distortion or shrinkage))) and curing  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:37 |
| S23 | 141  | stereolithography and pixel  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:38 |
| S24 | 54   | (stereolithography and pixel) and distortion   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:38 |
| S25 | 10   | ((stereolithography and pixel) and distortion) and checkerboard  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 10:40 |
| S26 | 44   | ((stereolithography and pixel) and distortion) not<br>(((stereolithography and pixel) and distortion) and checkerboard)  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 11:16 |
| S27 | 14   | "137732"   | US-PGPUB; USPAT | OR | ON  | 2004/05/28 11:46 |
| S28 | 1    | "6180050".pn.  | US-PGPUB; USPAT | OR | ON  | 2004/05/28 11:46 |
| S29 | 1    | "5171490".PN.  | USPAT           | OR | ON  | 2004/05/28 11:47 |
| S30 | 1    | "5171490".PN.  | USPAT           | OR | ON  | 2004/05/28 11:49 |
| S31 | 0    | "6180050".URPN.  | USPAT           | OR | ON  | 2004/05/28 11:49 |
| S32 | 10   | (US-20020011693-\$).did. or (US-5171490-\$ or US-5238639-\$ or US-6180050-\$ or US-6270335-\$ or US-6366825-\$ or US-6406658-\$ or US-6532394-\$ or US-6660209-\$ or US-6730256-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/11/17 16:34 |
| S33 | 1    | S32 and deform\$5  | USPAT           | OR | OFF | 2004/11/17 16:34 |
| S34 | 390  | 700/118-120.cds.   | US-PGPUB; USPAT | OR | ON  | 2004/11/17 16:41 |
| S35 | 160  | S34 and resin  | US-PGPUB; USPAT | OR | ON  | 2004/11/17 16:41 |
| S36 | 66   | S35 and photo  | US-PGPUB; USPAT | OR | ON  | 2004/11/17 16:54 |
| S37 | 10   | S36 and pixel  | US-PGPUB; USPAT | OR | ON  | 2004/11/17 16:49 |
| S38 | 3    | S37 and deform\$5  | US-PGPUB; USPAT | OR | ON  | 2004/11/17 16:54 |

## EAST Search History

|     |      |   |                                 |    |     |                  |
|-----|------|---|---------------------------------|----|-----|------------------|
| S39 | 1    | "6190811".pn.   | US-PGPUB;<br>USPAT              | OR | ON  | 2004/11/17 16:50 |
| S40 | 1    | "6486937".pn.   | US-PGPUB;<br>USPAT              | OR | ON  | 2004/11/17 16:52 |
| S41 | 1    | "6717106".pn.   | US-PGPUB;<br>USPAT              | OR | ON  | 2004/11/17 16:52 |
| S42 | 6    | ("5135695"   "5311360"   "5354414"   "5430666"   "6215093"   "6526327").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 16:54 |
| S43 | 74   | S35 and optical   | US-PGPUB;<br>USPAT              | OR | ON  | 2004/11/17 16:54 |
| S44 | 27   | S43 and deform\$5   | US-PGPUB;<br>USPAT              | OR | ON  | 2004/11/17 16:55 |
| S45 | 3    | ("6399010").URPN.   | USPAT                           | OR | OFF | 2004/11/17 16:57 |
| S46 | 30   | ("4575330"   "4752352"   "4863538"   "4945032"   "4999143"   "5015312"   "5058988"   "5059021"   "5076974"   "5104592"   "5121329"   "5123734"   "5133987"   "5174931"   "5182056"   "5182715"   "5184307"   "5204055"   "5209878"   "5234636"   "5238639"   "5256340"   "5273691"   "5321622"   "5429908"   "5597520"   "5840239"   "5902537"   "5902538"   "5965079").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 16:58 |
| S47 | 3    | S46 and pixel   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 16:59 |
| S48 | 6    | S44 and pixel   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 17:03 |
| S49 | 19   | S44 and region  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 17:03 |
| S50 | 3    | ("5253177").URPN.   | USPAT                           | OR | OFF | 2004/11/17 17:17 |
| S52 | 961  | photo-curable   | USPAT                           | OR | OFF | 2004/11/17 17:24 |
| S53 | 831  | S52 and resin   | USPAT                           | OR | OFF | 2004/11/17 17:19 |
| S54 | 79   | S53 and pixel   | USPAT                           | OR | OFF | 2004/11/17 17:19 |
| S55 | 1    | S54 and curl  | USPAT                           | OR | OFF | 2004/11/17 17:19 |
| S56 | 41   | ("2775758"   "4575330"   "4752498"   "4801477"   "4945032"   "5011635"   "5015424"   "5104592"   "5106288"   "5130064"   "5139338"   "5139711"   "5151813"   "5157423"   "5171490"   "5172262"   "5182055"   "5182056"   "5192469"   "5198159"   "5217653"   "5247180"   "5256340"   "5273691"   "5287435"   "5358673"   "5429908"   "5460758"   "5525051"   "5536467"   "5545367"   "5573721"   "5597520"   "5609812"   "5609813"   "5650260"   "5651934"   "5711911"   "5753171"   "5858297").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2004/11/17 17:22 |
| S57 | 5    | ("6051179").URPN.   | USPAT                           | OR | OFF | 2004/11/17 17:23 |
| S58 | 1480 | photo-curable   | US-PGPUB;<br>USPAT              | OR | OFF | 2004/11/17 17:24 |
| S59 | 1286 | S58 and resin   | US-PGPUB;<br>USPAT              | OR | OFF | 2004/11/17 17:24 |
| S60 | 180  | S59 and pixel   | US-PGPUB;<br>USPAT              | OR | OFF | 2004/11/17 17:24 |
| S61 | 2    | S60 and curl  | US-PGPUB;<br>USPAT              | OR | OFF | 2004/11/17 17:24 |
| S62 | 43   | selectively adj exposed same pixels   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:32 |

## EAST Search History

|     |     |   |                                 |    |     |                  |
|-----|-----|---|---------------------------------|----|-----|------------------|
| S63 | 0   | S62 and warp  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:26 |
| S64 | 389 | selective adj exposure and pixel\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:07 |
| S65 | 386 | S64 not S62   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:32 |
| S66 | 9   | S65 and warp  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:33 |
| S67 | 73  | S64 and unexpos\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:33 |
| S68 | 17  | S64 and unexpos\$3 same pixel\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:44 |
| S69 | 0   | "step and repeat" same pixels   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:44 |
| S70 | 27  | "step and repeat" same expos\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:44 |
| S71 | 0   | S70 and pixel\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/27 16:44 |
| S72 | 4   | ("6097361").URPN.   | USPAT                           | OR | OFF | 2005/06/29 11:03 |
| S73 | 6   | ("4601537"   "4751509"   "4760389"   "5053679"   "5109290"   "5917464").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/29 11:05 |
| S74 | 1   | sterolithography and multiple adj exposure\$1                               | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2005/06/29 11:05 |
| S75 | 0   | selective adj exposure and pixel\$1 and curl                                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:07 |
| S76 | 60  | multiple adj exposure\$1 and pixel\$1 and curl                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:08 |
| S77 | 31  | S76 and unexposed   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:08 |
| S78 | 1   | optical adj modeling and pixel\$1 and multiple adj exposure\$1              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:30 |
| S79 | 2   | "20030214987"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:30 |
| S80 | 80  | optical adj modeling and pixel\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:30 |
| S81 | 1   | S80 and unexpose\$2   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/06/29 11:30 |
| S82 | 155 | 700/120.cds.  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:06 |

## EAST Search History

|          |     |  |                                 |    |     |                  |
|----------|-----|--|---------------------------------|----|-----|------------------|
| S83      | 29  | S82 and pixels   | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:06 |
| S84      | 8   | S83 and unexposed  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:09 |
| S85      | 233 | optical adj modeling   | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:09 |
| S86      | 6   | S85 and unexposed  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:10 |
| S87      | 37  | S85 and shrinkage  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:10 |
| S88      | 2   | S87 and pixel  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:10 |
| S89      | 40  | S82 and shrinkage  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:10 |
| S90      | 8   | S89 and pixel  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:11 |
| S91      | 41  | stereolithography and pixel and shrinkage  | US-PGPUB;<br>USPAT              | OR | ON  | 2005/07/26 13:11 |
| S92      | 4   | slm and stereolithography  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/26 14:15 |
| S93      | 621 | 264/401.cds.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/26 14:15 |
| S94      | 74  | S93 and unexposed  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/26 14:15 |
| S95      | 14  | S94 and pixel  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/07/26 14:15 |
| S96      | 1   | "5311360".pn.  | US-PGPUB;<br>USPAT              | OR | ON  | 2006/03/22 09:56 |
| S97      | 21  | (US-20010028993-\$ or US-20020011693-\$).did. or<br>(US-6730256-\$ or US-6526327-\$ or US-5500069-\$ or<br>US-6097361-\$ or US-5562929-\$ or US-6500378-\$ or<br>US-5238639-\$ or US-6406658-\$ or US-6532394-\$ or<br>US-6270335-\$ or US-6180050-\$ or US-6366825-\$ or<br>US-6660209-\$ or US-6399010-\$ or US-5253177-\$ or<br>US-5109290-\$ or US-6051179-\$ or US-5104592-\$ or<br>US-5171490-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2006/03/22 09:59 |
| S98      | 6   | S97 and pixel\$2 and modulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/22 11:26 |
| S99      | 14  | S97 and xy   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/22 12:59 |
| S10<br>0 | 1   | "6718088" .pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/22 12:59 |
| S10<br>1 | 2   | ("6288833"   "6362919").PN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 12:59 |
| S10<br>2 | 1   | "7006887" .pn.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:03 |
| S10<br>3 | 1   | "20020164069"  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 14:48 |

## EAST Search History

|          |      |   |                                 |    |     |                  |
|----------|------|---|---------------------------------|----|-----|------------------|
| S10<br>4 | 0    | S97 and picosecond  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:23 |
| S10<br>5 | 9    | S97 and puls\$4   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:40 |
| S10<br>6 | 1    | "6,001,297".pn.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:42 |
| S10<br>7 | 20   | picosecond\$2 and stereolithography   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:50 |
| S10<br>8 | 5773 | gallium adj nitride   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:54 |
| S10<br>9 | 34   | S108 and picosecond\$4  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:47 |
| S11<br>0 | 0    | psec and stereolithography  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:54 |
| S11<br>1 | 165  | 700/120.cds.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:55 |
| S11<br>2 | 0    | S111 and picosecond\$4  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:55 |
| S11<br>3 | 1    | S111 and gallium adj nitride  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:54 |
| S11<br>4 | 254  | 700/12.cds.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:55 |
| S11<br>5 | 0    | S114 and picosecond\$4  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:55 |
| S11<br>6 | 217  | laser same picosecond\$4 and resin  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 13:55 |
| S11<br>7 | 107  | S116 and modulat\$4   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 14:39 |
| S11<br>8 | 1    | "6500378".pn.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2006/03/22 17:43 |
| S11<br>9 | 25   | (US-20010028993-\$ or US-20020011693-\$).did. or<br>(US-6730256-\$ or US-6526327-\$ or US-5500069-\$ or<br>US-6097361-\$ or US-5562929-\$ or US-6500378-\$ or<br>US-5238639-\$ or US-6406658-\$ or US-6532394-\$ or<br>US-6270335-\$ or US-6180050-\$ or US-6366825-\$ or<br>US-6660209-\$ or US-6399010-\$ or US-5253177-\$ or<br>US-5109290-\$ or US-6051179-\$ or US-5104592-\$ or<br>US-5171490-\$ or US-6001297-\$ or US-6720519-\$ or<br>US-5777342-\$ or US-6855478-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2006/03/22 14:41 |
| S12<br>0 | 24   | S119 and scan\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/22 14:42 |
| S12<br>1 | 2    | S120 and (slm or dmd)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/22 14:42 |

## EAST Search History

|          |      |   |                              |    |     |                  |
|----------|------|---|------------------------------|----|-----|------------------|
| S12<br>2 | 14   | microscanner and orthogonal   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:50 |
| S12<br>3 | 6    | US-0135695-\$.DID. OR US-5354414-\$.DID. OR US-5430666-\$.DID. OR US-6215093-\$.DID. OR US-6526327-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:55 |
| S12<br>4 | 1    | "6717106".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:56 |
| S12<br>5 | 24   | S119 and scan\$4  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:57 |
| S12<br>6 | 2375 | (spatial adj light adj modulator).dm.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:57 |
| S12<br>7 | 300  | S126 and micromirror.dcm.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:57 |
| S12<br>8 | 3    | S127 and resin.dcm.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:59 |
| S12<br>9 | 25   | S127 and scanning.dcm.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 14:59 |
| S13<br>0 | 5    | condens\$4 same microscanner  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:44 |
| S13<br>1 | 108  | microscanner  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:44 |
| S13<br>2 | 20   | S131 and resin  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:47 |
| S13<br>3 | 24   | 700/120.cds. and scanning near3 mirror  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:45 |
| S13<br>4 | 3    | S133 and conden\$5  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:47 |
| S13<br>5 | 21   | S133 and focus\$4   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:57 |
| S13<br>6 | 25   | (US-20010028993-\$ or US-20020011693-\$).did. or (US-6730256-\$ or US-6526327-\$ or US-5500069-\$ or US-6097361-\$ or US-5562929-\$ or US-6500378-\$ or US-5238639-\$ or US-6406658-\$ or US-6532394-\$ or US-6270335-\$ or US-6180050-\$ or US-6366825-\$ or US-6660209-\$ or US-6399010-\$ or US-5253177-\$ or US-5109290-\$ or US-6051179-\$ or US-5104592-\$ or US-5171490-\$ or US-6001297-\$ or US-6720519-\$ or US-5777342-\$ or US-6855478-\$).did. | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/22 17:57 |
| S13<br>7 | 1    | S136 and package  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/22 17:57 |

## EAST Search History

|          |      |   |                                 |    |     |                  |
|----------|------|---|---------------------------------|----|-----|------------------|
| S13<br>9 | 28   | (US-20020011693-\$ or US-20010028993-\$).did. or<br>(US-6132667-\$ or US-6730256-\$ or US-6660209-\$ or<br>US-6366825-\$ or US-6180050-\$ or US-6270335-\$ or<br>US-6532394-\$ or US-5238639-\$ or US-6406658-\$ or<br>US-5171490-\$ or US-6526327-\$ or US-6399010-\$ or<br>US-5500069-\$ or US-5430666-\$ or US-5253177-\$ or<br>US-5104592-\$ or US-6051179-\$ or US-5562929-\$ or<br>US-6500378-\$ or US-6097361-\$ or US-5109290-\$ or<br>US-6001297-\$ or US-6855478-\$ or US-6720519-\$ or<br>US-5777342-\$ or US-6312134-\$).did. | US-PGPUB;<br>USPAT              | OR | OFF | 2006/03/23 10:20 |
| S14<br>0 | 0    | S139 and gani   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:29 |
| S14<br>1 | 0    | S139 and gallium  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:48 |
| S14<br>2 | 5    | S139 and fiber with laser   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:22 |
| S14<br>3 | 131  | stereolithography and gallium   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:23 |
| S14<br>4 | 8    | S143 and "700"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:22 |
| S14<br>5 | 14   | stereolithography and gallium same laser  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:33 |
| S14<br>6 | 8    | stereolithography and gallium adj nitride same laser  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:24 |
| S14<br>7 | 1414 | gallium adj nitride same laser  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:27 |
| S14<br>8 | 215  | S147 and resin  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:25 |
| S14<br>9 | 1    | S147 and 700/120.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:25 |
| S15<br>0 | 24   | gallium adj nitride same fiber same laser   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:27 |
| S15<br>1 | 0    | S139 and gan  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:27 |
| S15<br>2 | 0    | 700/120.ccls. and gan   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:29 |
| S15<br>3 | 0    | S139 and fiber adj amplifier  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:29 |
| S15<br>4 | 1    | S139 and fiber adj laser  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:29 |
| S15<br>5 | 1    | 700/120.ccls. and fiber adj laser   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:29 |



## EAST Search History

|          |      |   |                                 |    |     |                  |
|----------|------|---|---------------------------------|----|-----|------------------|
| S15<br>6 | 14   | stereolithography and fiber adj laser     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:33 |
| S15<br>7 | 8    | S139 and plurality same laser\$2          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:50 |
| S15<br>8 | 10   | S139 and multiple with laser\$2           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 10:51 |
| S15<br>9 | 5    | S139 and multiple near5 laser\$2          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:49 |
| S16<br>0 | 149  | gan same laser same fiber                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:57 |
| S16<br>1 | 24   | gallium adj nitride same laser same fiber | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:58 |
| S16<br>2 | 40   | S160 not fuji.as.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:53 |
| S16<br>3 | 781  | gan and laser same fiber                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:57 |
| S16<br>4 | 271  | gallium adj nitride and laser same fiber  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:58 |
| S16<br>6 | 85   | S164 and exposure                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 12:58 |
| S16<br>7 | 61   | S166 not fuji.as.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 13:59 |
| S16<br>8 | 1448 | 264/401.ccls. or 219/121.83.ccls.         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 13:59 |
| S16<br>9 | 11   | S168 and exposure and laser and dmd       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/03/23 13:59 |